



PATENT

Attorney Docket No. SNS-006CP1 (7268/10)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Shih et al.
U.S. PATENT NO. 6,552,722
ISSUED: April 22, 2003
SERIAL NO. 09/347,637
FILING DATE: July 6, 1999
TITLE: SYSTEMS AND METHODS FOR SCULPTING VIRTUAL
OBJECTS IN A HAPTIC VIRTUAL REALITY ENVIRONMENT

Certificate of Correction Branch
Commissioner for Patents
Washington, D.C. 20231

**SECOND REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 35 U.S.C. § 254 AND 37 C.F.R. 1.322**

Dear Sir:

A Certificate of Correction in the above-referenced case was issued by the Director of the U.S. Patent and Trademark Office on August 12, 2003. The Assignee believes that this original Certificate of Correction contains two errors that are not present in the PTO Form 1050 that was filed on May 1, 2003, as part of Assignee's first Request for Certificate of Correction. Both a marked-up copy of the erroneous Certificate of Correction and a copy of the previously-filed PTO Form 1050 are enclosed.

The Assignee of record for the above-referenced patent, SensAble Technologies, Inc., by virtue of the assignment recorded at Reel 010586, Frame 0950, of the U.S. Patent Office assignment records hereby requests that a Certificate of Correction be issued for U.S. Patent No. 6,552,722, under 35 U.S.C. § 254 and 37 C.F.R. § 1.322, to replace the original Certificate of Correction of August 12, 2003.

The Assignee believes that the errors identified herein and corrected in the enclosed PTO Form 1050 warrants issuance of a second Certificate of Correction to replace the original Certificate of Correction issued on August 12, 2003. The enclosed PTO Form 1050 replaces the erroneous line number designations that appear in the original Certificate of Correction with the correct line number designations that appear in the previously-filed PTO Form 1050. The errors are described as follows:

The line reference, "Line 63", in the original Certificate of Correction should read, "Line 2".

The line reference, "Line 7", in the original Certificate of Correction should read, "Line 3".

The Assignee believes that the foregoing errors represent a Patent Office mistake.


The Assignee respectfully requests that the correction appearing on the enclosed PTO Form 1050 be issued. A duplicate of the PTO Form 1050 is enclosed. The Assignee believes that no fees are due in connection with the submission of this paper. However, should a fee be due, the Commissioner is authorized to charge the necessary fee to Deposit Account No. 20-0531.

If there are any questions regarding this matter, the U.S. Patent Office is invited to contact the undersigned at the telephone number identified below.

Respectfully submitted,

Date: August 21, 2003
Reg. No.: 53,002

Tel. No.: (617) 310-8427
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William R. Haulbrook, Ph.D.
Attorney for Applicant
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High Street Tower
125 High Street
Boston, Massachusetts 02110

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,552,722 B1
DATED : April 22, 2003
INVENTOR(S) : Loren Shih et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 43,

Line 2, after the semicolon, please add -- selecting a modification mode that modifies a voxel value representative of the voxel-based virtual object; --.

Column 44,

Line 3, after the semicolon, please add -- a modification mode that modifies a voxel value representative of the voxel-based virtual object; --.

MAILING ADDRESS OF SENDER: Patent Administrator PATENT NO.: 6,552,722 B1
Testa Hurwitz & Thibeault, LLP
High Street Tower
125 High Street
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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,552,722 B1
DATED : April 22, 2003
INVENTOR(S) : Loren Shih et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 43,

Line 2, after the semicolon, please add -- selecting a modification mode that modifies a voxel value representative of the voxel-based virtual object; --.

Column 44,

Line 3, after the semicolon, please add -- a modification mode that modifies a voxel value representative of the voxel-based virtual object; --.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,552,722

DATED : April 22, 2003

INVENTOR(S) : Loren Shih, Walter A. Aviles, Thomas H. Massie, and Walter C. Shannon, III

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims:

In claim 19, column 43, at the end of line 2 and after the semicolon, please add --selecting a modification mode that modifies a voxel value representative of the voxel-based virtual object;--.

In claim 27, column 44, at the end of line 3 and after the semicolon, please add --a modification mode that modifies a voxel value representative of the voxel-based virtual object;--.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

118

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DATED : April 22, 2003
INVENTOR(S) : Loren Shih et al.

Page 1 of 1

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Line 2

Column 43,

~~Line 63~~, after the semicolon, please add -- selecting a modification mode that modifies a voxel value representative of the voxel-based virtual object; --.

Line 3

Column 44,

~~Line 7~~, after the semicolon, please add -- a modification mode that modifies a voxel value representative of the voxel-based virtual object; --.

This certificate supersedes certificate of correction
Issued August 12, 2003,



Signed and Sealed this

Twelfth Day of August, 2003

JAMES E. HOGAN
Director of the United States Patent and Trademark Office